| Index of Claims   | Application No. |
|---|-----------------|
|   | 09/993,670      |
|   | Examiner        |
| 1 188111 88118 18118 18118 18118 81111 88111 8811 8811 8811 8811 8811 8811 8811 8811 8811 8811 8811 8811 8811 | Dhairya A Patel |

| Application No. | Applicant(s) |
|-----------------|--------------|
| <br>09/993,670  | HAN ET AL.   |
| Examiner        | Art Unit     |
| Dhairea A Batal | 2151         |

| / | Rejected | ı | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| - | Α | Appeal   |
|---|---|----------|
|   | 0 | Objected |

|               |                | Ц.           | -        |          |          |  | J        |              | Щ.               | _            |      |
|---------------|----------------|--------------|----------|----------|----------|--|----------|--------------|------------------|--------------|------|
| Cla           | aim            |              |          |          | - [      | Date   | <u> </u> |              |                  |              | 1    |
| Final         | Original       | 1/21/05      |          |          |          |  |          |              |                  |              |      |
|               | 1              | 1            |          |          | $\vdash$ | $\vdash$   |          | $\vdash$     |                  |              | 1    |
|               | 2              | 1            |          | Г        |          |  | Г        |              |                  |              | 1    |
|               | 3              | 1            |          |          |          |  |          |              |                  |              | ] .  |
|               | 4<br>5         | 1            |          |          |          |  |          |              |                  |              |      |
|               | 5              | 1            |          |          |          |  |          |              |                  |              |      |
|               | 6              | 1            | <u> </u> |          |          | ┖  |          | _            |                  | ldash        |      |
|               | 7              | 1            |          | _        | <u> </u> | _  | <u> </u> | _            | _                | <u> </u>     |      |
|               | 8              | 1            | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | _        | <u> </u>     | <u> </u>         | <u> </u>     | l    |
|               | 9              | V V          | _        | $\vdash$ | ⊢        | -  | ⊢        | ├-           | H                |              | l    |
|               | 10             | 1            |          | H        | ┝        | _  |          | H            | H                | -            |      |
| _             | 12             | 1            | ⊢        | $\vdash$ | -        | -  | ┢        | ├—           | -                |              | 1    |
| <b></b>       | 11<br>12<br>13 | 1            | $\vdash$ | -        | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$     | -                | <del> </del> |      |
| <b>—</b>      | 14             | 1            | -        | -        | -        | -  | $\vdash$ | ┢            | $\vdash$         | $\vdash$     |      |
| $\vdash$      | 15             | V            |          | $\vdash$ | H        |  | $\vdash$ |              |                  |              | -    |
|               | 15<br>16       | 1            |          |          | ı        |  |          |              |                  | $\vdash$     | 1    |
|               | 17             |              |          |          |          |  |          |              |                  |              | ٠.,  |
|               | 18<br>19       | 7 7 7        |          |          |          |  |          |              |                  |              | 1.5  |
|               | 19             |              |          |          |          |  |          |              |                  |              |      |
|               | 20             | 1            |          |          |          |  |          |              |                  |              |      |
|               | 21             | 1            |          |          |          |  |          |              |                  |              |      |
|               | 22             | V            |          |          |          | L  | L.       |              |                  | L            | Į    |
|               | 23<br>24       | 1            |          | <u> </u> |          |  | _        |              |                  | _            | Į    |
|               | 24             |              | _        | <u> </u> | <u> </u> | _  | <u> </u> | _            | <u> </u>         | _            |      |
| <u> </u>      | 25             | 1            | -        | -        | _        |  |          | <u> </u>     | -                | -            |      |
|               | 26<br>27       | 7            |          | <u> </u> |          |  |          |              |                  |              |      |
| <u> </u>      | 28             | 7            |          | $\vdash$ |          | ├  | ┝        | ┢            | ├                |              | ١.   |
| $\vdash$      | 29             | 1            |          |          | $\vdash$ | ┝  | -        | $\vdash$     | -                | -            |      |
|               | 29<br>30       | V            |          |          |          | <del>                                     </del> | -        | -            | -                | _            |      |
|               | 31             | <u> </u>     |          |          | $\vdash$ |  | _        |              | _                | _            | r    |
|               | 31<br>32       |              |          |          |          |  |          |              |                  |              | 1    |
|               | 33             |              |          |          |          |  |          |              |                  |              | ,    |
|               | 34             |              |          |          |          |  |          |              |                  |              | - 10 |
|               | 35             |              |          |          |          |  |          |              |                  |              | -    |
|               | 36             |              |          |          | _        |  | _        | L            |                  | L            |      |
|               | 37             | $oxed{oxed}$ |          |          | <u> </u> |  | <u> </u> |              | _                |              |      |
|               | 38             | <u> </u>     |          |          | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>         | _            |      |
| $\vdash$      | 39             | $\vdash$     |          | <u> </u> | <u> </u> | H  | <u> </u> | <u> </u>     | -                | _            |      |
| <del>  </del> | 40<br>41       | <u> </u>     |          | <u> </u> | <u> </u> | -  | ⊢        | <del> </del> | ⊢                | _            |      |
| $\vdash$      | 42             | $\vdash$     | _        | -        | -        | -  | $\vdash$ | $\vdash$     | $\vdash$         | -            |      |
| -             | 43             | $\vdash$     | _        |          |          |  | $\vdash$ | _            |                  |              |      |
|               | 44             |              | _        | $\vdash$ | $\vdash$ | -  | $\vdash$ |              | <del>  -  </del> | -            |      |
| -             | 45             |              |          |          | -        |  | $\vdash$ | _            | $\vdash$         | -            |      |
|               | 46             |              |          |          |          |  |          |              |                  |              |      |
|               | 47             |              |          |          |          |  |          |              | Т                | Т            |      |
|               | 48             |              |          |          |          |  |          |              |                  |              |      |
|               | 49             |              |          |          |          |  |          |              |                  | `            | Į    |
|               | 50             |              |          |          |          |  |          |              |                  |              | l    |

| Cla          | aim                  |          |  |          | Date   |          |          |  |              |          |
|--------------|----------------------|----------|--|----------|--|----------|----------|--|--------------|----------|
|              |                      |          |  |          |  | l        |          |  | l            |          |
| <del>5</del> | Original             |          | 1  |          |  |          | l        |  |              |          |
| Finat        | ∷_5                  |          | ı  |          |  |          |          |  |              |          |
| "-           | Ιŏ                   |          | l  |          |  |          |          |  | l            |          |
|              | 1 .                  |          | Ļ  |          | _  | L_       | <u> </u> | _  | L_           |          |
| 1            | 51<br>52<br>53       | L        | 匚  |          |  |          |          |  |              |          |
|              | 52                   |          |  |          | Γ  | [        |          |  |              |          |
|              | 53                   |          |  |          |  |          |          |  |              |          |
| _            | 54                   |          | ┢  | -        | H  |          |          |  | $\vdash$     | $\vdash$ |
| 1            | 54<br>55             | -        | <del>                                     </del> | ⊢        |  | ├-       |          | ⊢  | -            |          |
| -            | 33                   | <u> </u> | ├—   | -        | ┡  | <u> </u> | _        | <u> </u>   | $\vdash$     | -        |
| <u> </u>     | 56                   |          |  |          |  | _        |          | _  |              | _        |
| -            | 57                   |          |  |          |  |          |          |  |              |          |
|              | 58                   |          |  |          |  |          |          |  |              |          |
|              | 59                   |          | Г  |          |  |          |          |  |              |          |
|              | 60                   |          | $\vdash$   | ┪        |  | -        |          | $\vdash$   |              |          |
| <b> </b>     | 61                   |          | -  | -        | -  | -        |          | $\vdash$   | $\vdash$     |          |
| -            | 60                   | _        | $\vdash$   |          | <del> </del>   | -        | <u> </u> | ├  | -            | _        |
|              | 02                   | <u> </u> | <u> </u>   | <u> </u> | <del> </del>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | <u> </u> |
|              | 61<br>62<br>63<br>64 | _        | _  | 匚        | $ldsymbol{ld}}}}}}$ | _        | L.       |  | _            |          |
| L_           | 64                   | L        | L  | L        | L  | L        | L        | L  | L            | L        |
|              | 65<br>66             |          |  |          |  |          |          |  |              |          |
|              | 66                   |          |  |          |  |          |          | $\vdash$   |              |          |
|              | 67                   |          | $\vdash$   | $\vdash$ | $\vdash$   | H        | H        | $\vdash$   | $\vdash$     | $\vdash$ |
|              | 60                   |          | $\vdash$   | $\vdash$ |  | $\vdash$ | $\vdash$ | <del>                                     </del> | <del> </del> | $\vdash$ |
|              | 68<br>69             |          | <u> </u>   | <u> </u> |  | _        | <u> </u> | <u> </u>   | <u> </u>     | _        |
|              | 69                   |          | _  | <u> </u> | _  |          |          | L  |              |          |
|              | 70                   |          |  |          |  |          |          |  |              |          |
|              | 71                   |          |  |          |  |          |          |  |              |          |
|              | 72                   |          |  |          |  |          |          |  |              |          |
|              | 73                   |          |  |          |  |          |          |  |              |          |
|              | 73<br>74<br>75       |          |  | $\vdash$ | -  |          | _        | -  | _            |          |
| -            | 75                   | -        | _  | -        | _  | _        | _        | ⊢  | <u> </u>     |          |
|              | 75                   | _        |  | $\vdash$ |  | _        | _        | -  |              |          |
|              | 76<br>77             |          |  | <u> </u> |  |          | _        |  |              | _        |
|              | 77                   |          |  |          |  |          |          | _  |              |          |
|              | 78                   |          |  |          |  |          |          |  |              |          |
| a a          | 79                   |          |  |          |  |          |          |  |              |          |
| <b>—</b>     | 80                   |          |  |          |  | _        | _        | _  | _            | _        |
| -            | 01                   |          | _  | ⊢        | _  | _        |          | -  |              | _        |
|              | 81<br>82             |          |  | $\vdash$ | Η.   | H        | $\vdash$ | _  | $\vdash$     | <u> </u> |
| -            | 02                   |          |  | <u> </u> | Щ.   | H        |          | ļ  | <u> </u>     | ļ        |
|              | 83                   |          |  | _        | L  | L.       | L        |  |              |          |
|              | 84                   |          |  |          | L  |          |          |  | L            |          |
| . —          | 85                   |          |  |          |  |          |          |  |              |          |
| 2            | 86                   |          |  |          |  |          |          |  |              |          |
|              | 87                   |          | $\vdash$   | $\vdash$ | $\vdash$   | Т        | $\vdash$ | $\vdash$   |              | $\vdash$ |
| -            | 88                   | _        | $\vdash$   |          | <del> </del>   | $\vdash$ |          |  |              | <u> </u> |
|              | 00                   |          | -  | <u> </u> | -  | Ь—       | -        |  | <b> </b> -   | <u> </u> |
| <u> </u>     | 89                   |          | <u> </u>   | <u> </u> | <u> </u>   |          |          | _  | <u> </u>     | _        |
|              | 90                   |          | L  | L_       | L_   | Щ        |          |  | L_           | _        |
|              | 91                   |          | L  |          | L.   |          |          |  | L            |          |
|              | 92                   |          |  |          |  |          |          |  |              |          |
|              | 93                   |          |  |          |  |          |          |  |              |          |
| <b>——</b>    | 94                   |          | $\vdash$   | $\vdash$ | Н  | $\vdash$ | $\vdash$ | $\vdash$   | _            | $\vdash$ |
| -            |                      | -        | -  | $\vdash$ | $\vdash$   |          | -        |  | -            |          |
| ļ            | 95                   |          | <u> </u>   | <u> </u> | <u> </u>   | L        |          |  |              |          |
|              | 96                   |          | <u> </u>   | L        |  | Ш        | _        |  | L.           |          |
|              | 97                   |          | L_   | L_       |  |          |          |  |              |          |
|              | 98                   |          |  | L        |  |          |          | L  |              |          |
|              | 99                   |          |  |          |  |          |          |  |              |          |
|              | 100                  |          | $\vdash$   | $\vdash$ |  |          |          |  |              |          |
|              |                      |          |  |          |  |          |          |  |              |          |

|          |                   |          |                           |              |                |          |              |          | ľ            |                 |
|----------|-------------------|----------|---------------------------|--------------|----------------|----------|--------------|----------|--------------|-----------------|
|          |                   |          |                           |              |                |          |              |          |              |                 |
| Cla      |                   |          |                           | _[           | Date           | Э        |              |          |              |                 |
| Final    | Original          |          |                           |              |                |          |              |          |              |                 |
|          | 101<br>102        |          |                           |              |                |          | -            |          | -            |                 |
|          | 102               |          |                           | Γ            |                | Г        |              |          | Г            |                 |
|          | 103               |          |                           |              |                |          |              |          |              |                 |
|          | 104               |          | Г                         |              |                |          |              |          |              |                 |
|          | 104<br>105        |          |                           |              |                |          |              |          |              |                 |
|          | 106               |          |                           |              |                |          |              |          |              |                 |
|          | 107               |          | L                         |              |                | L        | _            | <u> </u> | <u>_</u>     | Ш               |
| <u></u>  | 107<br>108<br>109 |          | L                         |              |                | <u> </u> | <u> </u>     | <u> </u> |              | Ш               |
| <u> </u> | 109               |          | _                         |              |                |          | <u> </u>     | <u> </u> | L.           |                 |
| <u> </u> | 110               |          |                           |              |                | _        |              |          |              | Ш               |
|          | 111               | _        | _                         | <u> </u>     | <u> </u>       | <u> </u> | <u> </u>     | _        |              | $\vdash$        |
|          | 112               | <u> </u> | -                         | <del> </del> | <u> </u>       |          | Ь—           | ļ        |              | Н               |
| <b> </b> | 113<br>114        | -        | -                         | -            | -              | <u> </u> | <del> </del> |          | <del> </del> | $\vdash \vdash$ |
| $\vdash$ | 115               | <u> </u> | -                         |              | $\vdash$       | <u> </u> |              | <u> </u> | <u> </u>     | $\vdash\vdash$  |
| $\vdash$ | 116               | _        |                           | $\vdash$     | $\vdash$       | $\vdash$ |              | _        | <u> </u>     | Н               |
|          | 117               | _        |                           | ┝            | $\vdash$       |          |              |          | <u> </u>     | H               |
| <u> </u> | 118               | _        | $\vdash$                  | -            | -              | _        |              | _        | _            | $\vdash$        |
|          | 118<br>119        | -        | _                         | <del> </del> | $\vdash$       |          |              |          |              | -               |
|          | 120               |          |                           | -            | -              | _        | _            |          |              | -               |
|          | 121               |          |                           |              |                |          |              |          |              |                 |
|          | 121<br>122        |          |                           |              |                |          |              |          |              | _               |
|          | 123               |          |                           |              |                |          |              |          |              |                 |
|          | 124               |          |                           |              |                |          |              |          |              |                 |
|          | 123<br>124<br>125 |          |                           |              |                |          |              |          |              |                 |
|          | 126               | _        | _                         | <u> </u>     |                |          |              |          |              |                 |
|          | 126<br>127<br>128 |          | Ш                         |              |                |          |              |          |              |                 |
| <u></u>  | 128               |          |                           | <u> </u>     |                |          |              | <u>.</u> |              | Щ               |
| <u> </u> | 129<br>130        |          | _                         | _            | <u> </u>       |          | <u> </u>     | <u> </u> | L            |                 |
|          | 130               |          | _                         | <u> </u>     |                |          | _            | _        | <u> </u>     |                 |
| <u> </u> | 131<br>132        |          |                           | -            | -              |          | _            |          |              |                 |
| -        | 133               |          |                           |              | _              |          | _            |          | <u> </u>     | Н               |
|          | 134               |          |                           | ┝            | _              | _        | _            |          | $\vdash$     | $\dashv$        |
| 1        | 134<br>135        | -        | -                         | $\vdash$     | $\vdash$       |          | l            |          | <u> </u>     | $\vdash$        |
|          | 136               | -        | $\vdash$                  | _            | Ι              | -        |              |          |              |                 |
|          | 137               |          | $\vdash$                  |              | _              |          |              |          |              | _               |
|          | 137<br>138        |          |                           |              |                |          |              |          |              |                 |
|          | 139               |          |                           |              |                |          |              |          |              |                 |
|          | 140               |          |                           |              |                |          |              |          |              |                 |
|          | 141               |          |                           |              |                |          |              |          |              |                 |
|          | 142               |          |                           |              |                |          |              |          |              |                 |
| <u> </u> | 143               |          | $ldsymbol{ldsymbol{eta}}$ | <u> </u>     |                |          |              |          | <u> </u>     | $\sqcup$        |
| <u> </u> | 144               |          | ļ                         | <u> </u>     | <u> </u>       | L        | L            | L.       | <u> </u>     |                 |
| <b></b>  | 145               |          | ļ                         | ļ            | <u> </u>       | ļ.,      | ļ            | ļ        | ļ            | $\square$       |
| <u> </u> | 146               |          | <u> </u>                  |              | -              |          | ļ            | <u> </u> | <u> </u>     | $\vdash\vdash$  |
|          | 147               |          | $\vdash$                  |              | <del> </del> - | -        | _            |          | $\vdash$     | Н               |
| $\vdash$ | 148<br>149        |          | $\vdash$                  | ├            | -              | $\vdash$ | <u> </u>     | $\vdash$ | $\vdash$     | $\vdash\vdash$  |
| -        | 150               |          | -                         | ├─           | $\vdash$       | Н        | <u> </u>     | <u> </u> | -            | $\vdash$        |
| $\Box$   | 130               | Ц.,      | ш                         | Щ.           | Щ.             | L        | L            | L        | L            |                 |